

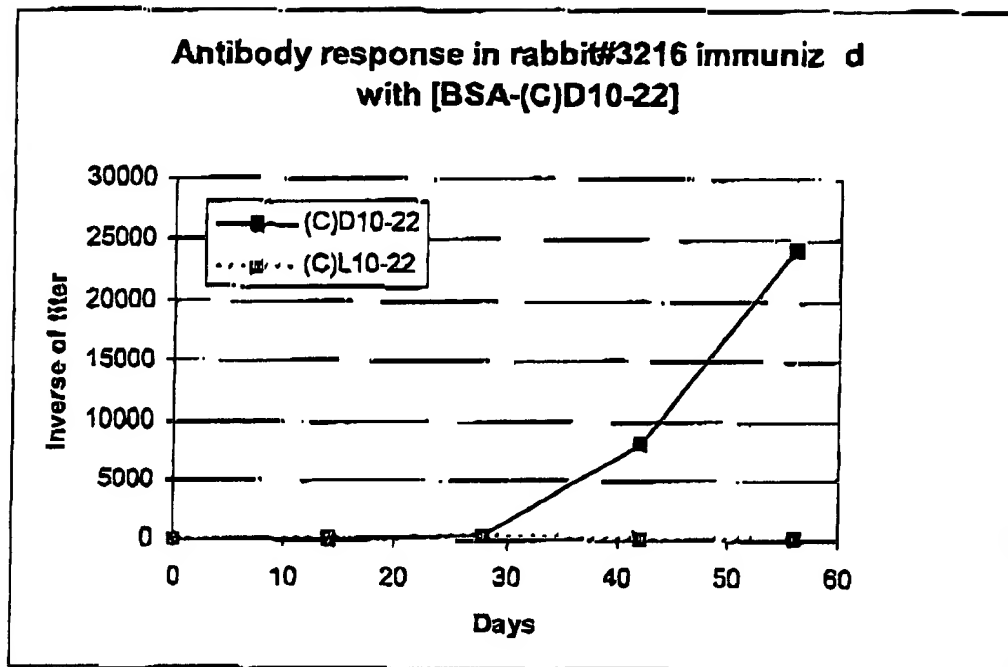
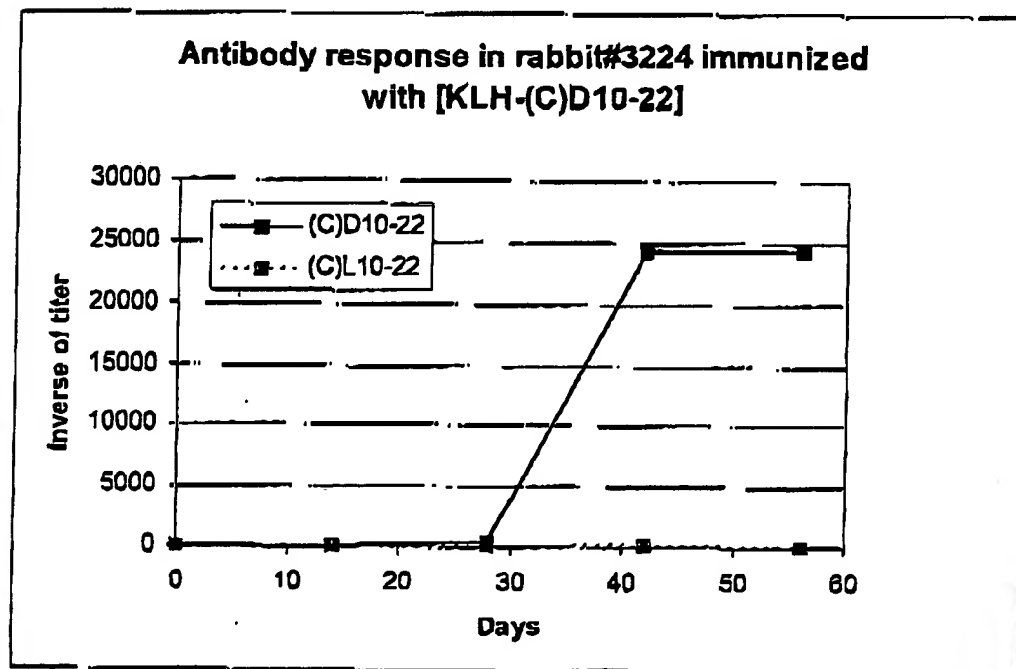
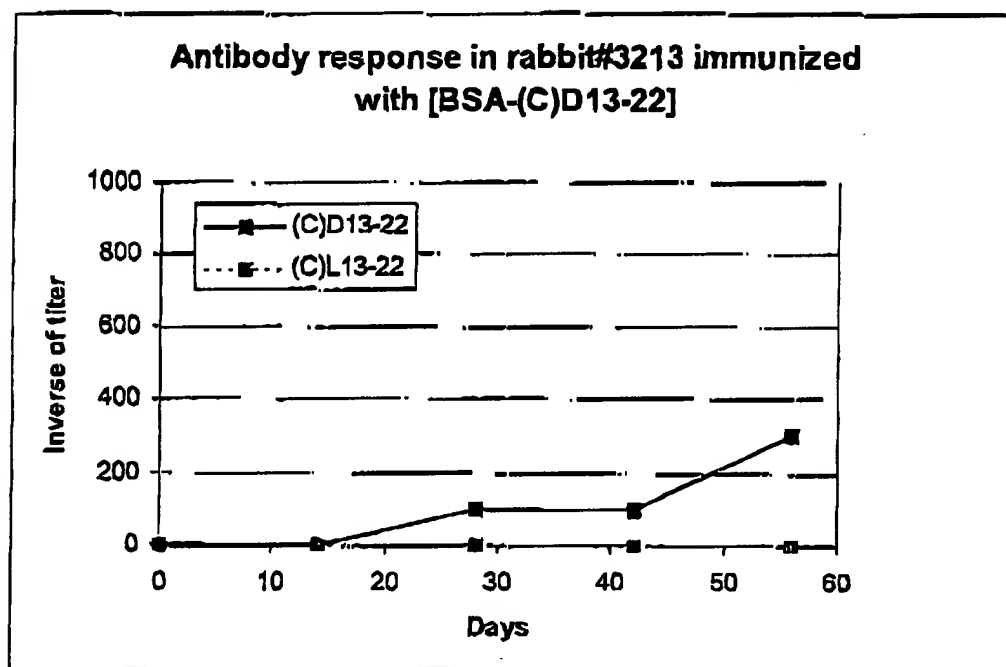
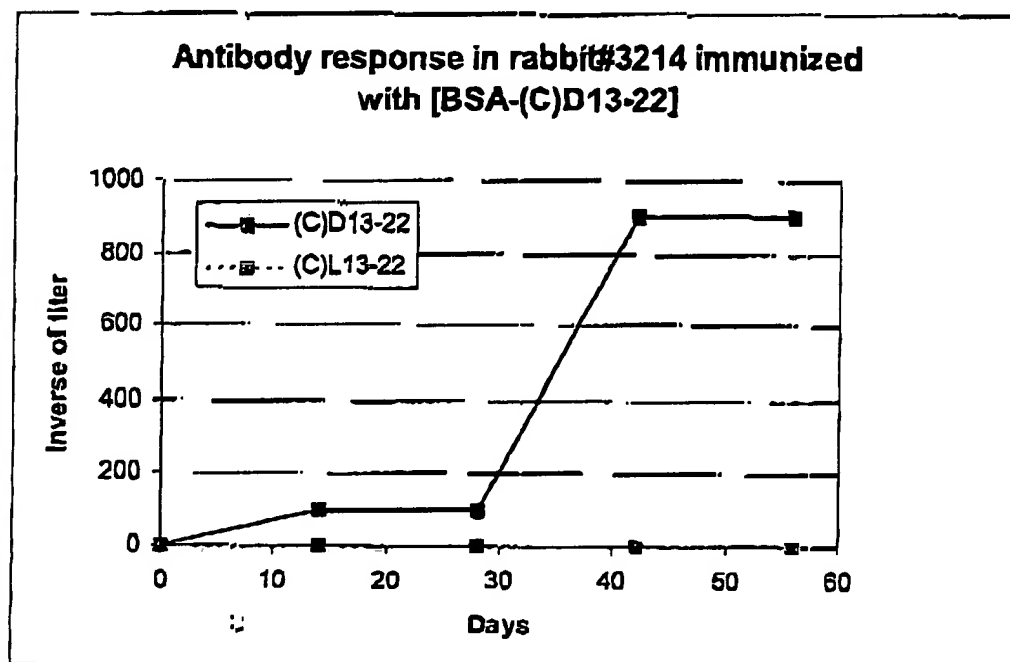
Figure 1**Figure 2**

Figure 3**Figure 4**

Resume of A β level in TgCRND8 mice immunized with commercial D13-21-KLH, L13-21-KLH and KLH**Figure 5****Brain A β levels**

<u>Immunogen</u>	A β 40 (pg/g wet brain)		A β 42 (pg/g wet brain)	
	Soluble	Insoluble	Soluble	Insoluble
KLH*	533,000 \pm 130,000	1,090,000 \pm 346,000	1,454,000 \pm 686,000	6,593,000 \pm 1,881,000
D13-21-KLH	393,000 \pm 171,000	951,000 \pm 675,000	1,883,000 \pm 397,000	5,343,000 \pm 1,646,000
L13-21-KLH	587,000 \pm 152,000	1,442,000 \pm 695,000	2,388,000 \pm 611,000	6,286,000 \pm 1,092,000

* Note: Statistics were performed despite the fact that mice were from a different study (NCL-5001054-01) started 3 weeks before. However, mice were from the same background, same generation and same protocol.

Figure 6

<u>Comparison</u>	A β 40		A β 42	
	Soluble	Insoluble	Soluble	Insoluble
D13-21-KLH vs KLH	\downarrow 26 % ($P=0.030$)	\downarrow 13 % (ns)	\uparrow 30 % (ns)	\downarrow 19 % (ns)
L13-21-KLH vs KLH	\uparrow 10 % (ns)	\uparrow 32 % (ns)	\uparrow 64 % ($P=0.002$)	\downarrow 5 % (ns)
D13-21-KLH vs L13-21-KLH	\downarrow 33 % ($P=0.008$)	\downarrow 34 % ($P=0.009$)	\downarrow 21 % ($P=0.025$)	\downarrow 15 % (ns)

Resume of A β level in TgCRND8 mice immunized with commercial D13-21-KLH, L13-21-KLH and KLH.

Figure 7

Brain A β levels

<u>Immunogen</u>	A β 40 (pg/g wet brain)		A β 42 (pg/g wet brain)	
	Soluble	Insoluble	Soluble	Insoluble
KLH	122,834 \pm 46,746	331,012 \pm 170,637	1,188,042 \pm 361,879	5,702,883 \pm 1,902,343
D13-21-KLH	116,327 \pm 32,153	386,152 \pm 181,644	1,142,958 \pm 256,555	4,976,584 \pm 2,254,095
L13-21-KLH	113,593 \pm 27,612	567,767 \pm 259,683	1,512,635 \pm 396,283	6,040,175 \pm 2,696,979

Figure 8

<u>Comparison</u>	A β 40		A β 42	
	Soluble	Insoluble	Soluble	Insoluble
D13-21-KLH vs KLH	\downarrow 5 % (ns)	\uparrow 17 % (ns)	\downarrow 4 % (ns)	\downarrow 13 % (ns)
L13-21-KLH vs KLH	\downarrow 8 % (ns)	\uparrow 72 % (P=0.008)	\uparrow 27 % (P=0.026)	\uparrow 6 % (ns)
D13-21-KLH vs L13-21-KLH	\uparrow 2 % (ns)	\downarrow 32 % (P=0.047)	\downarrow 24 % (P=0.006)	\downarrow 18 % (ns)

Figure 9**Plasma A β levels**

Immunogen	Aβ40 (pg/mL)	Aβ42 (pg/mL)
KLH	2,045 \pm 414	1,072 \pm 195
D13-21-KLH	3,228 \pm 613	1,581 \pm 115
L13-21-KLH	2,614 \pm 616	1,329 \pm 255

Figure 10

Comparison	Aβ40	Aβ42
D13-21-KLH vs KLH	\uparrow 58 % ($P < 0.001$)	\uparrow 47 % ($P < 0.001$)
L13-21-KLH vs KLH	\uparrow 28 % ($P = 0.005$)	\uparrow 24 % ($P = 0.004$)
D13-21-KLH vs L13-21-KLH	\uparrow 23 % ($P = 0.011$)	\uparrow 19 % ($P = 0.008$)